

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/900,715

ENTERED

CRF Processing Date: 1/24/2002
 Edited by: DE
 Verified by: DE (STIC staff)

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file;
☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

#5



OIKE

RAW SEQUENCE LISTING

DATE: 01/24/2002

PATENT APPLICATION: US/09/900,715

TIME: 09:17:46

Input Set : N:\jumbos\900715.txt

Output Set: N:\CRF3\01242002\I900715.raw

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4 <110> APPLICANT: Allen, Keith D.
6 <120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING PROTEIN
7   PHOSPHATASE 2C GENE DISRUPTIONS
10 <130> FILE REFERENCE: R-775
12 <140> CURRENT APPLICATION NUMBER: US 09/900,715
13 <141> CURRENT FILING DATE: 2001-07-06
15 <150> PRIOR APPLICATION NUMBER: US 60/216,104
16 <151> PRIOR FILING DATE: 2000-07-06
18 <150> PRIOR APPLICATION NUMBER: US 60/223,386
19 <151> PRIOR FILING DATE: 2000-08-07
21 <160> NUMBER OF SEQ ID NOS: 4
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 996
27 <212> TYPE: DNA
28 <213> ORGANISM: Mus musculus
30 <400> SEQUENCE: 1
31 gagactgcag cagaatatgt aaaatctcga ctcccagagg ctcttaagca gcaccttcag 60
32 gattatgaga aggacaaaga aaacagtgtt ctgacctacc agaccatcct cgagcagcag 120
33 atcttgtcaa ttgaccggga aatgctggaa aagttgacag tctcctatga tgaagcaggc 180
34 acaacgtggt tgatcscctt actctcagat aaagacctca ccgtggccaa cgttggtgac 240
35 tctcggggag tcttgtgtga caaagatggc aatgccatcc ctttgtctca cgatcacaag 300
36 ccttaccagc tgaaggaaag gaagaggata aagagagctg gtgggttcat cagctttaat 360
37 ggctcctgga ggggtccaggg aatcctagcc atgtctcgat ccctgggaga ctatccactg 420
38 aaaaatctca acgtggtcat cccagaccca gacatcttga cctttgacct ggacaagctg 480
39 cagccggagt tcatgatctt ggcctcagat ggcctgtggg atgctttcag caatgaagaa 540
40 gcggttcgat tcatcaagga gcgcttgat gagccccact ttggggccaa aagcatcgtc 600
41 ctgcagtcct ttacagagg ctgccctgac aacatcactg tcatggtggt gaagttcagg 660
42 aatagtagca aaacagaaga gcaactgaacc ctgccagatc tcagctgccc caaactagag 720
43 gactctcaac atactgttct ctcatgtag taaaagggtg gggataatt aggatcatgc 780
44 gtcccaacac agaaccacct tccctgatgg ccttgaatcc ctttgagta ctgagcagag 840
45 ggttggttcc cttgctgaca ccgcagaggc tgctaagttt gtgtcccccc agcccttcta 900
46 tcagtgtttg aaacacatac gtaggtagcc acagatccca catatgaggc aaaggaaagg 960
47 caggccatat gttttccttc ttaataatgt actttt 996
49 <210> SEQ ID NO: 2
50 <211> LENGTH: 228
51 <212> TYPE: PRT
52 <213> ORGANISM: Mus musculus
54 <220> FEATURE:
55 <221> NAME/KEY: VARIANT
56 <222> LOCATION: 66
57 <223> OTHER INFORMATION: Xaa = Any Amino Acid
59 <400> SEQUENCE: 2

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/900,715

DATE: 01/24/2002

TIME: 09:17:47

Input Set : N:\jumbos\900715.txt

Output Set: N:\CRF3\01242002\I900715.raw

60 Glu Thr Ala Ala Glu Tyr Val Lys Ser Arg Leu Pro Glu Ala Leu Lys
61 1 5 10 15
62 Gln His Leu Gln Asp Tyr Glu Lys Asp Lys Glu Asn Ser Val Leu Thr
63 20 25 30
64 Tyr Gln Thr Ile Leu Glu Gln Gln Ile Leu Ser Ile Asp Arg Glu Met
65 35 40 45
66 Leu Glu Lys Leu Thr Val Ser Tyr Asp Glu Ala Gly Thr Thr Cys Leu
67 50 55 60
68 Ile Xaa Leu Leu Ser Asp Lys Asp Leu Thr Val Ala Asn Val Gly Asp
69 65 70 75 80
70 Ser Arg Gly Val Leu Cys Asp Lys Asp Gly Asn Ala Ile Pro Leu Ser
71 85 90 95
72 His Asp His Lys Pro Tyr Gln Leu Lys Glu Arg Lys Arg Ile Lys Arg
73 100 105 110
74 Ala Gly Gly Phe Ile Ser Phe Asn Gly Ser Trp Arg Val Gln Gly Ile
75 115 120 125
76 Leu Ala Met Ser Arg Ser Leu Gly Asp Tyr Pro Leu Lys Asn Leu Asn
77 130 135 140
78 Val Val Ile Pro Asp Pro Asp Ile Leu Thr Phe Asp Leu Asp Lys Leu
79 145 150 155 160
80 Gln Pro Glu Phe Met Ile Leu Ala Ser Asp Gly Leu Trp Asp Ala Phe
81 165 170 175
82 Ser Asn Glu Glu Ala Val Arg Phe Ile Lys Glu Arg Leu Asp Glu Pro
83 180 185 190
84 His Phe Gly Ala Lys Ser Ile Val Leu Gln Ser Phe Tyr Arg Gly Cys
85 195 200 205
86 Pro Asp Asn Ile Thr Val Met Val Val Lys Phe Arg Asn Ser Ser Lys
87 210 215 220
88 Thr Glu Glu His
89 225

92 <210> SEQ ID NO: 3

93 <211> LENGTH: 200

94 <212> TYPE: DNA

95 <213> ORGANISM: Artificial Sequence

97 <220> FEATURE:

98 <223> OTHER INFORMATION: Targeting vector

100 <400> SEQUENCE: 3

101 gctggtggcc ttggcagtga cgaaggtgaa ggaggggtgc ttgtggctca gctctgttgc 60
102 agcagaccag ctgtgtgtac actcaccacag accggaacaa gctaacaggc tccctctgtc 120
103 tttccagggtg ggttcatcag ctttaaatggc tcttgagggg tccagggaat cctagccatg 180
104 tctcgatccc tgggagacta 200

106 <210> SEQ ID NO: 4

107 <211> LENGTH: 200

108 <212> TYPE: DNA

109 <213> ORGANISM: Artificial Sequence

111 <220> FEATURE:

112 <223> OTHER INFORMATION: Targeting vector

114 <400> SEQUENCE: 4

115 tcgtcctgca gtccttttac agaggctgcc ctgacaacat cactgtcatg gtgggtgaagt 60

RAW SEQUENCE LISTING

DATE: 01/24/2002

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Input Set : N:\jumbos\900715.txt

Output Set: N:\CRF3\01242002\I900715.raw

```
116 tcaggaatag tagcaaaaca gaagggcact gaaccctgcc agatctcagc tgcccccac 120
117 tagaggactc tcaacatact gttctcttca ttagtaaaaa ggtgtgggta taattaggat 180
118 catgctccc aacacagaac                                     200
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/900,715

DATE: 01/24/2002

TIME: 09:17:48

Input Set : N:\jumbos\900715.txt

Output Set: N:\CRF3\01242002\I900715.raw

L:68 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2